

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|--|-------------------|------------------|
| - | 818 | fill\$4 with polygon | USPAT | 2003/09/03 13:20 |
| - | 55 | artwork\$4 with generator\$4 | USPAT | 2003/03/12 13:14 |
| - | 1602 | glass\$3 with master\$4 | USPAT | 2003/03/12 13:15 |
| - | 1644 | (artwork\$4 with generator\$4) or (glass\$3 with master\$4) | USPAT | 2003/03/12 13:15 |
| - | 3 | ((artwork\$4 with generator\$4) or (glass\$3 with master\$4)) and (fill\$4 with polygon) | USPAT | 2003/03/12 13:17 |
| - | 5 | ((("3600513") or ("4878177") or ("5008830") or ("5159201") or ("5636133")).PN. | USPAT | 2003/03/13 14:30 |
| - | 78 | (fill\$4 with polygon).ab. | USPAT | 2003/03/12 13:19 |
| - | 19 | (fill\$4 with polygon).ti. | USPAT | 2003/03/12 13:21 |
| - | 82 | ((fill\$4 with polygon).ti.) or ((fill\$4 with polygon).ab.) | USPAT | 2003/03/12 13:21 |
| - | 0 | ((fill\$4 with polygon).ti.) or ((fill\$4 with polygon).ab.)) and (orthogonal\$4 with fill\$4) | USPAT | 2003/03/12 13:22 |
| - | 12 | (fill\$4 with polygon) and (orthogonal\$4 with fill\$4) | USPAT | 2003/03/12 13:50 |
| - | 440 | polygon with fill | USPAT; IBM_TDB | 2003/03/12 13:51 |
| - | 9 | polygon with fill | IBM_TDB | 2003/03/12 14:56 |
| - | 0 | ((fill\$4 with polygon).ti.) or ((fill\$4 with polygon).ab.)) and (border or boundar\$4 or outline\$4) | IBM_TDB | 2003/03/12 14:58 |
| - | 0 | ((fill\$4 with polygon).ti.) or ((fill\$4 with polygon).ab.)) and (border or boundar\$4 or outline\$4) | IBM_TDB | 2003/09/03 13:23 |
| - | 818 | fill\$4 with polygon | USPAT | 2003/03/12 14:59 |
| - | 161 | (fill\$4 with polygon) and border | USPAT | 2003/03/12 15:00 |
| - | 21 | (fill\$4 with polygon) and border near3 width\$4 | USPAT | 2003/03/12 15:00 |
| - | 0 | ((fill\$4 with polygon) and border near3 width\$4) and (fill\$4 with polygon\$4).ti. | USPAT | 2003/03/12 15:00 |
| - | 0 | ((fill\$4 with polygon) and border near3 width\$4) and (fill\$4 with polygon\$4).ab. | USPAT | 2003/03/12 15:00 |
| - | 3 | ((fill\$4 with polygon) and border near3 width\$4) and (fill\$4 or polygon\$4).ab. | USPAT | 2003/03/12 15:00 |
| - | 1 | ((fill\$4 with polygon) and border near3 width\$4) and (fill\$4 or polygon\$4).ti. | USPAT | 2003/03/12 15:00 |
| - | 3 | ((fill\$4 with polygon) and border near3 width\$4) and (fill\$4 or polygon\$4).ab.) or ((fill\$4 with polygon) and border near3 width\$4) and (fill\$4 or polygon\$4).ti.) | USPAT | 2003/03/12 15:00 |
| - | 818 | fill\$4 with polygon | USPAT | 2003/03/12 15:37 |
| - | 171 | (fill\$4 with polygon) and border\$4 | USPAT | 2003/03/12 15:38 |
| - | 19 | (fill\$4 with polygon).ti. | USPAT | 2003/03/12 15:37 |
| - | 78 | (fill\$4 with polygon).ab. | USPAT | 2003/03/12 15:37 |
| - | 82 | ((fill\$4 with polygon).ti.) or ((fill\$4 with polygon).ab.) | USPAT | 2003/03/12 15:37 |
| - | 9 | ((fill\$4 with polygon).ti.) or ((fill\$4 with polygon).ab.)) and border\$4 | USPAT | 2003/03/12 15:46 |
| - | 0 | ((fill\$4 with polygon).ti.) or ((fill\$4 with polygon).ab.)) and border\$2 and width | USPAT | 2003/03/12 15:46 |
| - | 113 | ((fill\$4 with polygon) and border\$4) and border\$4 and width | USPAT | 2003/03/12 15:48 |
| - | 29 | ((fill\$4 with polygon) and border\$4) and border\$4 and width) and 345/\$.ccls. | USPAT | 2003/03/12 15:47 |
| - | 27 | ((fill\$4 with polygon) and border\$4) and border\$4 with width | USPAT | 2003/03/12 15:49 |
| - | 12 | ((fill\$4 with polygon) and border\$4) and border\$4 with width) and 345/\$.ccls. | USPAT | 2003/03/12 15:49 |
| - | 12 | (fill\$4 with polygon) and 345/\$.ccls. and border\$4 with width | USPAT | 2003/03/12 15:50 |
| - | 0 | 6333741.URPN. | USPAT | 2003/03/12 15:55 |
| - | 4 | ("5604849" "5831623" "5883630" "6222553").PN. | USPAT | 2003/03/12 16:55 |
| - | 19 | (polygon with fill\$4).ti. | USPAT | 2003/03/13 10:44 |
| - | 78 | (polygon with fill\$4).ab. | USPAT | 2003/03/13 10:39 |
| - | 82 | ((polygon with fill\$4).ti.) or ((polygon with fill\$4).ab.) | USPAT | 2003/03/13 10:39 |

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|---|----|--|-------|------------------|
| - | 52 | ((polygon with fill\$4).ti.) or ((polygon with fill\$4).ab.)) and (border or boundar\$4 or outlin\$4) | USPAT | 2003/03/13 10:44 |
| - | 43 | ((polygon with fill\$4).ti.) or ((polygon with fill\$4).ab.)) and (border or boundar\$4 or outlin\$4) and 345/\$.ccls. | USPAT | 2003/03/13 10:40 |
| - | 1 | ((polygon with fill\$4).ti.) or ((polygon with fill\$4).ab.)) and 345/\$.ccls. and (border or boundar\$4 or outlin\$4) with width | USPAT | 2003/03/13 10:43 |
| - | 1 | ((polygon with fill\$4).ti.) or ((polygon with fill\$4).ab.)) and (border or boundar\$4 or outlin\$4) with width | USPAT | 2003/03/13 10:43 |
| - | 2 | ((polygon with fill\$4).ti.) or ((polygon with fill\$4).ab.)) and (border or boundar\$4 or outlin\$4) same width | USPAT | 2003/03/13 10:44 |
| - | 18 | (polygon near2 fill\$4).ti. | USPAT | 2003/03/13 10:44 |
| - | 44 | (polygon near2 fill\$4).ab. | USPAT | 2003/03/13 10:44 |
| - | 48 | ((polygon near2 fill\$4).ti.) or ((polygon near2 fill\$4).ab.) | USPAT | 2003/03/13 10:44 |
| - | 33 | ((polygon near2 fill\$4).ti.) or ((polygon near2 fill\$4).ab.)) and 345/\$.ccls. and (border or boundar\$4 or outlin\$4) | USPAT | 2003/03/13 10:44 |
| - | 37 | fill\$4 near3 polygon with (rectangle\$3 or strip\$4 or flash\$4) | USPAT | 2003/03/13 13:42 |
| - | 26 | (fill\$4 near3 polygon with (rectangle\$3 or strip\$4 or flash\$4)) and 345/\$.ccls. | USPAT | 2003/03/13 13:25 |
| - | 14 | ((("6215501") or ("5710578") or ("5644691") or ("5463723") or ("4901251") or ("4897805") or ("6421052") or ("6396036") or ("6333741") or ("4979130") or ("4914729") or ("4754488") or ("5461703") or ("5416893")).PN. | USPAT | 2003/03/14 11:09 |
| - | 8 | ((("6215501") or ("5710578") or ("5644691") or ("5463723") or ("4901251") or ("4897805") or ("6421052") or ("6396036") or ("6333741") or ("4979130") or ("4914729") or ("4754488") or ("5461703") or ("5416893")).PN.) and border\$4 | USPAT | 2003/03/13 13:38 |
| - | 3 | ((("6215501") or ("5710578") or ("5644691") or ("5463723") or ("4901251") or ("4897805") or ("6421052") or ("6396036") or ("6333741") or ("4979130") or ("4914729") or ("4754488") or ("5461703") or ("5416893")).PN.) and border\$4 with (fill\$4) | USPAT | 2003/03/13 13:38 |
| - | 4 | ((("6215501") or ("5710578") or ("5644691") or ("5463723") or ("4901251") or ("4897805") or ("6421052") or ("6396036") or ("6333741") or ("4979130") or ("4914729") or ("4754488") or ("5461703") or ("5416893")).PN.) and border\$4 same (fill\$4) with polygon | USPAT | 2003/03/13 13:39 |
| - | 3 | ((("6215501") or ("5710578") or ("5644691") or ("5463723") or ("4901251") or ("4897805") or ("6421052") or ("6396036") or ("6333741") or ("4979130") or ("4914729") or ("4754488") or ("5461703") or ("5416893")).PN.) and border\$4 with (fill\$4) with polygon | USPAT | 2003/03/13 13:39 |
| - | 8 | ((("6215501") or ("5710578") or ("5644691") or ("5463723") or ("4901251") or ("4897805") or ("6421052") or ("6396036") or ("6333741") or ("4979130") or ("4914729") or ("4754488") or ("5461703") or ("5416893")).PN.) and fill\$4 near3 polygon with (rectangle\$3 or strip\$4 or flash\$4 or lin\$4) | USPAT | 2003/03/13 13:43 |

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|---|-----|--|-------|------------------|
| - | 8 | ((("6215501") or ("5710578") or ("5644691") or ("5463723") or ("4901251") or ("4897805") or ("6421052") or ("6396036") or ("6333741") or ("4979130") or ("4914729") or ("4754488") or ("5461703") or ("5416893")).PN.) and fill\$4 near3 polygon with (rectangle\$3 or strip\$4 or flash\$4 or line) | USPAT | 2003/03/13 13:59 |
| - | 2 | ((("6215501") or ("5710578") or ("5644691") or ("5463723") or ("4901251") or ("4897805") or ("6421052") or ("6396036") or ("6333741") or ("4979130") or ("4914729") or ("4754488") or ("5461703") or ("5416893")).PN.) and fill\$4 near3 polygon with (rectangle\$3 or strip\$4 or flash\$4) | USPAT | 2003/03/13 14:30 |
| - | 5 | ((("3600513") or ("4878177") or ("5008830") or ("5159201") or ("5636133")).PN. | USPAT | 2003/03/13 14:30 |
| - | 1 | ((("3600513") or ("4878177") or ("5008830") or ("5159201") or ("5636133")).PN.) and fill\$4 near3 polygon with (rectangle\$3 or strip\$4 or flash\$4) | USPAT | 2003/03/13 14:30 |
| - | 3 | ((("5644691") or ("4914729") or ("6333741")).PN. | USPAT | 2003/03/14 10:44 |
| - | 1 | ((("5644691") or ("4914729") or ("6333741")).PN.) and (merg\$4) | USPAT | 2003/03/14 10:44 |
| - | 3 | ((("5644691") or ("4914729") or ("6333741")).PN.) and (border\$4) | USPAT | 2003/03/14 11:02 |
| - | 1 | ((("5644691") or ("4914729") or ("6333741")).PN.) and (border\$4) same (maximum or minimum) | USPAT | 2003/03/14 10:51 |
| - | 1 | ((("5644691") or ("4914729") or ("6333741")).PN.) and (border\$4) with (maximum or minimum) | USPAT | 2003/03/14 10:50 |
| - | 3 | ((("5644691") or ("4914729") or ("6333741")).PN.) and fill\$4 | USPAT | 2003/03/14 11:00 |
| - | 3 | ((("5644691") or ("4914729") or ("6333741")).PN.) and fill\$4 with polygon | USPAT | 2003/03/14 11:00 |
| - | 329 | 345/\$.cccls. and (fill\$4 near2 polygon\$3) | USPAT | 2003/03/14 11:03 |
| - | 14 | (345/\$.cccls. and (fill\$4 near2 polygon\$3)) and (minimum or maximum or min or max) with (rectangl\$3 or strip\$3 or flash\$3) | USPAT | 2003/03/14 11:04 |
| - | 16 | ((("6215501") or ("5710578") or ("5644691") or ("5463723") or ("4901251") or ("4897805") or ("6421052") or ("6396036") or ("6333741") or ("4979130") or ("4914729") or ("4754488") or ("5461703") or ("5416893") or ("5644691") or ("5353394") or ("5347619") or ("4914729")).PN. | USPAT | 2003/03/14 11:09 |
| - | 4 | ((("6215501") or ("5710578") or ("5644691") or ("5463723") or ("4901251") or ("4897805") or ("6421052") or ("6396036") or ("6333741") or ("4979130") or ("4914729") or ("4754488") or ("5461703") or ("5416893") or ("5644691") or ("5353394") or ("5347619") or ("4914729")).PN.) and (size or maximum or minimum or max or min) with (rectangle or strip\$3 or flash\$3) | USPAT | 2003/03/14 11:10 |
| - | 18 | 4914729.URPN. | USPAT | 2003/03/14 11:12 |
| - | 4 | ("4425559" "4646076" "4646078" "4648050").PN. | USPAT | 2003/03/14 11:12 |
| - | 812 | fill\$3 with polygon | USPAT | 2003/03/17 14:04 |
| - | 54 | fill\$3 with polygon same border | USPAT | 2003/03/17 14:04 |
| - | 19 | fill\$3 with polygon with border | USPAT | 2003/03/17 14:08 |
| - | 3 | ((("5644691") or ("4914729") or ("6333741")).PN. | USPAT | 2003/03/17 14:09 |
| - | 3 | ((("5644691") or ("4914729") or ("6333741")).PN.) and (border or outlin\$4 or boundar\$4) | USPAT | 2003/03/17 14:11 |

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| - | 1 | ((("5644691") or ("4914729") or ("6333741")).PN.) and (width\$4) | USPAT | 2003/03/17 14:13 |
| - | 1 | ((("5644691") or ("4914729") or ("6333741")).PN.) and (border or boundar\$4 or outline\$4) with (width\$4) | USPAT | 2003/03/17 14:14 |
| - | 1 | ((("5644691") or ("4914729") or ("6333741")).PN.) and overlap\$4 | USPAT | 2003/03/17 14:14 |
| - | 1 | ((("5644691") or ("4914729") or ("6333741")).PN.) and overlap\$4 with (rectangl\$4 or layer\$4) | USPAT | 2003/03/17 14:30 |
| - | 4 | (fill\$3 with polygon) and (bordering or bordered) near2 polygon | USPAT | 2003/03/17 14:30 |
| - | 18 | 345/\$.ccls. and (fill\$4 with polygon).ti. | USPAT | 2003/03/17 15:10 |
| - | 49 | 345/\$.ccls. and (fill\$4 with polygon).ab. | USPAT | 2003/03/17 15:02 |
| - | 52 | (345/\$.ccls. and (fill\$4 with polygon).ti.) or (345/\$.ccls. and (fill\$4 with polygon).ab.) | USPAT | 2003/03/17 15:02 |
| - | 9 | ((345/\$.ccls. and (fill\$4 with polygon).ti.) or (345/\$.ccls. and (fill\$4 with polygon).ab.)) and border\$4 | USPAT | 2003/03/17 15:03 |
| - | 89 | 345/\$.ccls. and (fill\$4).ti. | USPAT | 2003/03/17 15:21 |
| - | 7658 | 345/\$.ccls. and (fill\$4) | USPAT | 2003/03/17 15:22 |
| - | 112 | (345/\$.ccls. and (fill\$4)) and (bordering or bordered) | USPAT | 2003/03/17 15:23 |
| - | 2 | 345/\$.ccls. and (bordering or bordered) and fill\$4.ti. | USPAT | 2003/03/17 15:23 |
| - | 6 | 345/\$.ccls. and (bordering or bordered) and fill\$4.ab. | USPAT | 2003/03/17 15:23 |
| - | 6 | (345/\$.ccls. and (bordering or bordered) and fill\$4.ti.) or (345/\$.ccls. and (bordering or bordered) and fill\$4.ab.) | USPAT | 2003/03/17 15:23 |
| - | 432 | 345/\$.ccls. and fill\$4 with polygon | USPAT | 2003/03/18 10:47 |
| - | 12 | (345/\$.ccls. and fill\$4 with polygon) and (minimum or maximum) near3 (rectangle or stripe or flash) | USPAT | 2003/03/18 10:45 |
| - | 1 | 5644691.URPN. | USPAT | 2003/03/18 10:40 |
| - | 2 | ("5159201" "5644691").PN. | USPAT | 2003/03/18 10:40 |
| - | 20 | ("3956635" "4147937" "4259724" "4291231" "4511980" "4532598" "4554625" "4586141" "4717644" "4718019" "4728797" "4748132" "4789945" "4820928" "4837447" "4878177" "4914304" "4992668" "5008830" "5062054").PN. | USPAT | 2003/03/18 10:42 |
| - | 18 | 5159201.URPN. | USPAT | 2003/03/18 10:42 |
| - | 10829 | fill\$4.ti. | USPAT | 2003/03/18 10:45 |
| - | 84023 | fill\$4.ab. | USPAT | 2003/03/18 10:45 |
| - | 85748 | fill\$4.ti. or fill\$4.ab. | USPAT | 2003/03/18 10:45 |
| - | 4695 | (fill\$4.ti. or fill\$4.ab.) and (rectangle or stripe or flash) | USPAT | 2003/03/18 10:46 |
| - | 0 | ((fill\$4.ti. or fill\$4.ab.) and (rectangle or stripe or flash)) and (bordering or borderen) with polygon | USPAT | 2003/03/18 10:46 |
| - | 35 | ((fill\$4.ti. or fill\$4.ab.) and (rectangle or stripe or flash)) and (bordering or borderen) | USPAT | 2003/03/18 10:46 |
| - | 19 | (fill\$4 with polygon).ti. | USPAT | 2003/03/18 10:47 |
| - | 78 | (fill\$4 with polygon).ab. | USPAT | 2003/03/18 10:47 |
| - | 82 | ((fill\$4 with polygon).ti.) or ((fill\$4 with polygon).ab.) | USPAT | 2003/03/18 10:48 |
| - | 0 | ((((fill\$4 with polygon).ti.) or ((fill\$4 with polygon).ab.)) and border\$4.ti. | USPAT | 2003/03/18 10:49 |
| - | 1 | ((((fill\$4 with polygon).ti.) or ((fill\$4 with polygon).ab.)) and border\$4.ab. | USPAT | 2003/03/18 10:48 |
| - | 9 | ((fill\$4 with polygon).ti.) or ((fill\$4 with polygon).ab.)) and border\$4 | USPAT | 2003/03/18 10:52 |
| - | 3 | ((("5644691") or ("5159201") or ("5461703")).PN. | USPAT | 2003/03/18 10:52 |
| - | 2 | ((("5644691") or ("5159201") or ("5461703")).PN.) and (combin\$4 or mix\$4 or merg\$4) | USPAT | 2003/03/18 11:03 |

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|---|-------|--|-------|------------------|
| - | 2 | ((("5644691") or ("5159201") or ("5461703")).PN.) and width\$4 | USPAT | 2003/03/18 11:16 |
| - | 3 | ((("5644691") or ("5159201") or ("5461703")).PN.) and (maximum or minimum or max or mini or width or flag) | USPAT | 2003/03/18 11:19 |
| - | 2 | ((("5644691") or ("5159201") or ("5461703")).PN.) and overlap\$4 | USPAT | 2003/03/18 11:21 |
| - | 3 | ((("5159201") or ("5461703") or ("5644691")).PN. | USPAT | 2003/03/19 10:08 |
| - | 2 | ((("5159201") or ("5461703") or ("5644691")).PN.) and overlap\$4 | USPAT | 2003/03/19 10:11 |
| - | 3 | ((("5159201") or ("5461703") or ("5644691")).PN.) and (max or maximum or number) | USPAT | 2003/03/19 10:11 |
| - | 3 | ((("5159201") or ("5461703") or ("5644691")).PN.) and (max or maximum or number) | USPAT | 2003/03/19 10:13 |
| - | 0 | ((("5159201") or ("5461703") or ("5644691")).PN.) and (delta) | USPAT | 2003/03/19 10:13 |
| - | 0 | ((("5159201") or ("5461703") or ("5644691")).PN.) and (delta\$4) | USPAT | 2003/03/19 10:54 |
| - | 3 | ((("5159201") or ("5461703") or ("5644691")).PN.) and (minim\$4) | USPAT | 2003/03/19 11:07 |
| - | 1 | ((("5159201") or ("5461703") or ("5644691")).PN.) and glass\$4 | USPAT | 2003/03/19 11:07 |
| - | 1 | ((("5159201") or ("5461703") or ("5644691")).PN.) and (glass\$4 or envelop\$4) | USPAT | 2003/03/19 11:07 |
| - | 44 | trace with artwork\$4 | USPAT | 2003/09/02 16:24 |
| - | 14 | (trace with artwork\$4) and (aperture or reticle) | USPAT | 2003/09/02 16:25 |
| - | 1 | ((trace with artwork\$4) and (aperture or reticle)) and border\$4 | USPAT | 2003/09/02 16:25 |
| - | 0 | (trace with artwork\$4) and fill\$4 with polygon | USPAT | 2003/09/02 16:25 |
| - | 867 | fill\$4 with polygon | USPAT | 2003/09/02 16:25 |
| - | 92 | (fill\$4 with polygon) and (aperture or reticle) | USPAT | 2003/09/02 16:53 |
| - | 40 | ((fill\$4 with polygon) and (aperture or reticle)) and border\$4 | USPAT | 2003/09/02 16:29 |
| - | 1 | (((fill\$4 with polygon) and (aperture or reticle)) and border\$4) and orthogonal\$4 with fill\$4 | USPAT | 2003/09/02 16:27 |
| - | 2 | ((("5159201") or ("5461703") or ("5461703")).PN. | USPAT | 2003/09/02 16:29 |
| - | 3 | ((("5159201") or ("5461703") or ("5644691")).PN. | USPAT | 2003/09/02 16:29 |
| - | 2 | ((("5159201") or ("5461703") or ("5644691")).PN.) and border\$4 | USPAT | 2003/09/02 16:53 |
| - | 123 | (orthogonal\$4 or non\$lorthogonal\$4) near3 fill\$4 | USPAT | 2003/09/02 16:53 |
| - | 3 | (orthogonal\$4 or non\$lorthogonal\$4) near3 fill\$4 with (polygon or shape) | USPAT | 2003/09/02 16:33 |
| - | 9 | ((orthogonal\$4 or non\$lorthogonal\$4) near3 fill\$4) and border\$4 | USPAT | 2003/09/02 16:48 |
| - | 0 | ((orthogonal\$4 or non\$lorthogonal\$4) near3 fill\$4) and artwork\$4 | USPAT | 2003/09/02 16:48 |
| - | 1 | ((orthogonal\$4 or non\$lorthogonal\$4) near3 fill\$4) and glass with master | USPAT | 2003/09/02 16:49 |
| - | 29830 | fill\$4 with (polyogn or shape or stripe or rectangle) | USPAT | 2003/09/02 16:50 |
| - | 25 | ((orthogonal\$4 or non\$lorthogonal\$4) near3 fill\$4) and (fill\$4 with (polyogn or shape or stripe or rectangle)) | USPAT | 2003/09/02 16:50 |
| - | 7 | (((orthogonal\$4 or non\$lorthogonal\$4) near3 fill\$4) and (fill\$4 with (polyogn or shape or stripe or rectangle))) and (border\$4 or bound\$4) | USPAT | 2003/09/02 16:51 |
| - | 4972 | (fill\$4 with (polyogn or shape or stripe or rectangle)) and (aperture or reticle) | USPAT | 2003/09/02 16:53 |

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| - | 367 | ((fill\$4 with (polyogn or shape or stripe or rectangle)) and (aperture or reticle)) and (orthogonal\$4 or non\$1orthogonal\$4) | USPAT | 2003/09/03 13:21 |
| - | 41 | ((fill\$4 with (polyogn or shape or stripe or rectangle)) and (aperture or reticle)) and (orthogonal\$4 or non\$1orthogonal\$4) and border\$4 | USPAT | 2003/09/02 16:54 |
| - | 4 | ("3619022" "4547037" "4897325" "5194971").PN. | USPAT | 2003/09/02 16:55 |
| - | 21825 | (fill\$4 near4 (polyogn or shape or stripe or rectangle)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 14:02 |
| - | 856 | (fill\$4 near4 (polyogn or shape or stripe or rectangle)).ti. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 13:22 |
| - | 6203 | (fill\$4 near4 (polyogn or shape or stripe or rectangle)).ab. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 13:22 |
| - | 6793 | ((fill\$4 near4 (polyogn or shape or stripe or rectangle)).ti.) or ((fill\$4 near4 (polyogn or shape or stripe or rectangle)).ab.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 13:22 |
| - | 298 | ((fill\$4 near4 (polyogn or shape or stripe or rectangle)).ti.) or ((fill\$4 near4 (polyogn or shape or stripe or rectangle)).ab.)) and (expose\$4 or artwork) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 14:02 |
| - | 0 | ((fill\$4 near4 (polyogn or shape or stripe or rectangle)).ti.) or ((fill\$4 near4 (polyogn or shape or stripe or rectangle)).ab.)) and (expose\$4 or artwork) and (border\$4 or boundar\$4 or outline\$4) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 14:03 |
| - | 16 | ((fill\$4 near4 (polyogn or shape or stripe or rectangle)).ti.) or ((fill\$4 near4 (polyogn or shape or stripe or rectangle)).ab.)) and (expose\$4 or artwork) and border\$4 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 13:28 |
| - | 20 | ("3956635" "4147937" "4259724" "4291231" "4386403" "4511980" "4532598" "4554625" "4586141" "4717644" "4718019" "4728797" "4748132" "4789945" "4820928" "4878177" "4890238" "4908772" "4914304" "5159201").PN. | USPAT | 2003/09/03 13:26 |
| - | 56753 | exposur\$4.ti. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 13:36 |
| - | 184790 | exposur\$4.ab. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 13:36 |
| - | 203821 | exposur\$4.ti. or exposur\$4.ab. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 13:29 |
| - | 132 | (exposur\$4.ti. or exposur\$4.ab.) and (fill\$4 near4 (polygon or rectangle or stripe or shape)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 13:36 |

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|---|------|---|---|------------------|
| - | 2 | (exposur\$4.ti. or exposur\$4.ab.) and (fill\$4 near4 (polygon or rectangle or stripe or shape)).ti. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 14:37 |
| - | 26 | (exposur\$4.ti. or exposur\$4.ab.) and (fill\$4 near4 (polygon or rectangle or stripe or shape)).ab. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 13:29 |
| - | 27 | ((exposur\$4.ti. or exposur\$4.ab.) and (fill\$4 near4 (polygon or rectangle or stripe or shape)).ti.) or ((exposur\$4.ti. or exposur\$4.ab.) and (fill\$4 near4 (polygon or rectangle or stripe or shape)).ab.) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 13:29 |
| - | 4 | ((exposur\$4.ti. or exposur\$4.ab.) and (fill\$4 near4 (polygon or rectangle or stripe or shape)).ti.) or ((exposur\$4.ti. or exposur\$4.ab.) and (fill\$4 near4 (polygon or rectangle or stripe or shape)).ab.)) and (border\$4 or boundar\$4 or outline\$4) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 15:12 |
| - | 40 | ((exposur\$4.ti. or exposur\$4.ab.) and (fill\$4 near4 (polygon or rectangle or stripe or shape))) and (border\$4 or boundar\$4 or outline\$4) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 13:33 |
| - | 29 | ((exposur\$4.ti. or exposur\$4.ab.) and (fill\$4 near4 (polygon or rectangle or stripe or shape))) and (border\$4 or boundar\$4 or outline\$4) | USPAT | 2003/09/03 13:33 |
| - | 547 | artwork\$4.ti. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 13:36 |
| - | 1376 | artwork\$4.ab. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 13:36 |
| - | 1546 | artwork\$4.ti. or artwork\$4.ab. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 13:36 |
| - | 9 | (artwork\$4.ti. or artwork\$4.ab.) and (fill\$4 near4 (polygon or rectangle or stripe or shape)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 13:36 |
| - | 5 | ((artwork\$4.ti. or artwork\$4.ab.) and (fill\$4 near4 (polygon or rectangle or stripe or shape))) and (border\$4 or boundar\$4 or outline\$4) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 14:11 |
| - | 2 | ("3422419" "3330182").PN. | USPAT | 2003/09/03 13:39 |
| - | 2 | 3600513.URPN. | USPAT | 2003/09/03 13:39 |
| - | 5 | ((("3600513") or ("5008830") or ("4878177") or ("5159201") or ("5636133")).PN. | USPAT | 2003/09/03 13:55 |
| - | 3 | ((("3600513") or ("5008830") or ("4878177") or ("5159201") or ("5636133")).PN.) and (border\$4 or boundar\$4 or outline\$4) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 13:55 |
| - | 54 | (((((fill\$4 near4 (polyogn or shape or stripe or rectangle)).ti.) or ((fill\$4 near4 (polyogn or shape or stripe or rectangle)).ab.)) and (expose\$4 or artwork)) and (border\$4 or boundar\$4 or outline\$4) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 14:01 |

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|---|---------|--|---|------------------|
| - | 1085916 | expose\$4 or artwork\$4 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 14:03 |
| - | 57953 | ((fill\$4 with (polyogn or shape or stripe or rectangle))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 14:03 |
| - | 12318 | (expose\$4 or artwork\$4) and ((fill\$4 with (polyogn or shape or stripe or rectangle))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 14:02 |
| - | 2661 | ((expose\$4 or artwork\$4) and ((fill\$4 with (polyogn or shape or stripe or rectangle))) and (border\$4 or boundar\$4 or outline\$4)) | USPAT | 2003/09/03 14:03 |
| - | 212 | ((expose\$4 or artwork\$4) and ((fill\$4 with (polyogn or shape or stripe or rectangle))) and (border\$4 or boundar\$4 or outline\$4)) and (expose\$4 or artwork\$4).ab. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 14:11 |
| - | 0 | ((expose\$4 or artwork\$4) and ((fill\$4 with (polyogn or shape or stripe or rectangle))) and (border\$4 or boundar\$4 or outline\$4)) and ((fill\$4 with (polyogn or shape or stripe or rectangle))).ti. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 14:04 |
| - | 146 | ((expose\$4 or artwork\$4) and ((fill\$4 with (polyogn or shape or stripe or rectangle))) and (border\$4 or boundar\$4 or outline\$4)) and ((fill\$4 with (polyogn or shape or stripe or rectangle))).ab. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 14:11 |
| - | 3 | ((expose\$4 or artwork\$4) and ((fill\$4 with (polyogn or shape or stripe or rectangle))) and (border\$4 or boundar\$4 or outline\$4)) and (expose\$4 or artwork\$4).ti. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 14:04 |
| - | 33 | ((expose\$4 or artwork\$4) and ((fill\$4 with (polyogn or shape or stripe or rectangle))) and (border\$4 or boundar\$4 or outline\$4)) and ((fill\$4 with (polyogn or shape) with (stripe or rectangle))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 14:05 |
| - | 23 | ((("5159201") or ("6215501") or ("5710578") or ("5644691") or ("5463723") or ("4901251") or ("4897805") or ("6192509") or ("6421052") or ("6396036") or ("6333741") or ("4979130") or ("4914729") or ("4754488") or ("5461703") or ("5416893") or ("5353394") or ("5347619") or ("6208439") or ("4969200") or ("5251140") or ("5309354") or ("3600513")).PN. | USPAT | 2003/09/03 14:11 |
| - | 23 | ((("5159201") or ("6215501") or ("5710578") or ("5644691") or ("5463723") or ("4901251") or ("4897805") or ("6192509") or ("6421052") or ("6396036") or ("6333741") or ("4979130") or ("4914729") or ("4754488") or ("5461703") or ("5416893") or ("5353394") or ("5347619") or ("6208439") or ("4969200") or ("5251140") or ("5309354") or ("3600513")).PN.) and (border\$4 or boundar\$4 or outline\$4)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 14:11 |

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|---|---|---|---|------------------|
| - | 7 | ((("5159201") or ("6215501") or ("5710578") or ("5644691") or ("5463723") or ("4901251") or ("4897805") or ("6192509") or ("6421052") or ("6396036") or ("6333741") or ("4979130") or ("4914729") or ("4754488") or ("5461703") or ("5416893") or ("5353394") or ("5347619") or ("6208439") or ("4969200") or ("5251140") or ("5309354") or ("3600513")).PN.) and (border\$4 or boundar\$4 or outline\$4)) and (expose\$4 or artwork\$4) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 14:24 |
| - | 5 | ((("5159201") or ("6215501") or ("5710578") or ("5644691") or ("5463723") or ("4901251") or ("4897805") or ("6192509") or ("6421052") or ("6396036") or ("6333741") or ("4979130") or ("4914729") or ("4754488") or ("5461703") or ("5416893") or ("5353394") or ("5347619") or ("6208439") or ("4969200") or ("5251140") or ("5309354") or ("3600513")).PN.) and (border\$4 or boundar\$4 or outline\$4)) and (expose\$4 or artwork\$4) and ((fill\$4 with (polyogn or shape or stripe or rectangle))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 14:24 |
| - | 6 | ((("5159201") or ("6215501") or ("5710578") or ("5644691") or ("5463723") or ("4901251") or ("4897805") or ("6192509") or ("6421052") or ("6396036") or ("6333741") or ("4979130") or ("4914729") or ("4754488") or ("5461703") or ("5416893") or ("5353394") or ("5347619") or ("6208439") or ("4969200") or ("5251140") or ("5309354") or ("3600513")).PN.) and (border\$4 or boundar\$4 or outline\$4)) and (expose or artwork) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 14:34 |
| - | 5 | ((("5159201") or ("6215501") or ("5710578") or ("5644691") or ("5463723") or ("4901251") or ("4897805") or ("6192509") or ("6421052") or ("6396036") or ("6333741") or ("4979130") or ("4914729") or ("4754488") or ("5461703") or ("5416893") or ("5353394") or ("5347619") or ("6208439") or ("4969200") or ("5251140") or ("5309354") or ("3600513")).PN.) and (border\$4 or boundar\$4 or outline\$4)) and (expose or artwork) and ((fill\$4 with (polyogn or shape or stripe or rectangle))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 14:27 |
| - | 1 | (((((("5159201") or ("6215501") or ("5710578") or ("5644691") or ("5463723") or ("4901251") or ("4897805") or ("6192509") or ("6421052") or ("6396036") or ("6333741") or ("4979130") or ("4914729") or ("4754488") or ("5461703") or ("5416893") or ("5353394") or ("5347619") or ("6208439") or ("4969200") or ("5251140") or ("5309354") or ("3600513")).PN.) and (border\$4 or boundar\$4 or outline\$4)) and (expose or artwork) and ((fill\$4 with (polyogn or shape or stripe or rectangle)))) and wire | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 14:27 |
| - | 5 | ((("5309354") or ("5251140") or ("5159201") or ("4969200") or ("3600513")).PN. | USPAT | 2003/09/03 14:27 |
| - | 1 | ((("5309354") or ("5251140") or ("5159201") or ("4969200") or ("3600513")).PN.) and wire | USPAT | 2003/09/03 14:28 |
| - | 1 | ((("5309354") or ("5251140") or ("5159201") or ("4969200") or ("3600513")).PN.) and delta | USPAT | 2003/09/03 14:29 |

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|---|-------|--|---|------------------|
| - | 5 | ((("5309354") or ("5251140") or ("5159201") or ("4969200") or ("3600513")).PN.) and overlap\$4 | USPAT | 2003/09/03 14:30 |
| - | 1 | ((("5309354") or ("5251140") or ("5159201") or ("4969200") or ("3600513")).PN.) and orthogonal\$4 | USPAT | 2003/09/03 14:30 |
| - | 5 | ((("5309354") or ("5251140") or ("5159201") or ("4969200") or ("3600513")).PN.) and (width or minimum or maximum or merge) | USPAT | 2003/09/03 16:10 |
| - | 53668 | wire near2 end\$1 | USPAT | 2003/09/03 14:34 |
| - | 4977 | (wire near2 end\$1) and (expose or artwork) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 14:36 |
| - | 53674 | ((wire near2 end\$1) or (wwe)) | USPAT | 2003/09/03 14:35 |
| - | 48697 | ((wire near2 end\$1) or (wwe)) not ((wire near2 end\$1) and (expose or artwork)) | USPAT | 2003/09/03 14:35 |
| - | 6 | ((wire near2 end\$1) or (wwe)) not (wire near2 end\$1) | USPAT | 2003/09/03 14:35 |
| - | 310 | (wire near2 end\$1) and (expose or artwork).ab. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 14:36 |
| - | 1 | (wire near2 end\$1) and (expose or artwork).ti. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 14:36 |
| - | 4 | ((wire near2 end\$1) and (expose or artwork).ab.) and (fill\$4 with (polygon or rectangle or stripe or shape)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 14:37 |
| - | 5 | ((("5309354") or ("5251140") or ("5159201") or ("4969200") or ("3600513")).PN.) and (overlap\$4) | USPAT | 2003/09/03 15:12 |
| - | 5 | ((("5309354") or ("5251140") or ("5159201") or ("4969200") or ("3600513")).PN.) and (border\$4 or boundar\$4 or outline\$4) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 16:00 |
| - | 5 | ((("5309354") or ("5251140") or ("5159201") or ("4969200") or ("3600513")).PN.) and (compos\$4 or merge\$4 or combin\$4) | USPAT | 2003/09/03 15:17 |
| - | 1 | ((("5309354") or ("5251140") or ("5159201") or ("4969200") or ("3600513")).PN.) and (border\$4 or boundar\$4 or outline\$4) with width | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 15:23 |
| - | 656 | rosenfeld.in. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 15:38 |
| - | 4 | rosenfeld.in. and polygon | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 15:38 |
| - | 0 | ((("5309354") or ("5251140") or ("5159201") or ("4969200") or ("3600513")).PN.) and uncover\$4 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/09/03 16:04 |

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|---|--------|--|--|------------------|
| - | 1 | ((("5309354") or ("5251140") or ("5159201") or ("4969200") or ("3600513")).PN.) and flag\$4 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT | 2003/09/03 16:04 |
| - | 5 | ((("5309354") or ("5251140") or ("5159201") or ("4969200") or ("3600513")).PN.) and (overlap\$4) | | 2003/09/03 16:18 |
| - | 5 | ((("5309354") or ("5251140") or ("5159201") or ("4969200") or ("3600513")).PN.) and number | USPAT | 2003/09/03 16:18 |
| - | 4 | artwork\$4 and ((fill\$4 with (polygon or shape) with (stripe or rectangle))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/07 20:41 |
| - | 43 | artwork\$4 and ((fill\$4 with (stripe or rectangle))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/07 20:41 |
| - | 31 | (artwork\$4 and ((fill\$4 with (stripe or rectangle)))) and (border\$4 or boundar\$5) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/07 21:03 |
| - | 1 | ("6269327").PN. | USPAT | 2004/03/07 21:06 |
| - | 228301 | fill\$4.ti. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/07 21:20 |
| - | 836240 | fill\$4.ab. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/07 21:20 |
| - | 888670 | fill\$4.ti. or fill\$4.ab. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/07 21:20 |
| - | 328 | (fill\$4.ti. or fill\$4.ab.) and (artwork\$4 or art adj work\$4) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/07 21:20 |
| - | 84 | ((fill\$4.ti. or fill\$4.ab.) and (artwork\$4 or art adj work\$4)) and (border\$4 or outlin\$4 or boundar\$4) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/07 21:22 |
| - | 3 | ((fill\$4.ti. or fill\$4.ab.) and (artwork\$4 or art adj work\$4)) and (border\$4 or outlin\$4 or boundar\$4) with (adj\$5 or merg\$4) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/07 21:21 |
| - | 0 | ((fill\$4.ti. or fill\$4.ab.) and (artwork\$4 or art adj work\$4)) and (border\$4 or outlin\$4 or boundar\$4)) and 348/\$.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/07 21:22 |
| - | 5 | ((fill\$4.ti. or fill\$4.ab.) and (artwork\$4 or art adj work\$4)) and (border\$4 or outlin\$4 or boundar\$4)) and 345/\$.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/07 21:22 |
| - | 2 | ((fill\$4.ti. or fill\$4.ab.) and (artwork\$4 or art adj work\$4)) and (border\$4 or outlin\$4 or boundar\$4)) and 382/\$.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/07 21:24 |

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|---|-----|--|---|------------------|
| - | 435 | ((fill\$4 with (polygon or shape) with (stripe or rectangle))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/07 21:41 |
| - | 2 | "6333741" and merg\$4 | USPÄT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/07 22:34 |
| - | 3 | "6333741" and fill\$4 | USPÄT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/07 21:48 |
| - | 0 | "6333741" and fill\$4 and artwork\$4 | USPÄT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/07 21:48 |
| - | 3 | "6333741" and (merg\$4 or border\$4 or outlin\$4 or boundar\$5) | USPÄT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/07 22:35 |
| - | 1 | "6333741" and (border\$4 or outlin\$4 or boundar\$5) same (merg\$4 or adj\$5) | USPÄT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/07 22:39 |
| - | 1 | "6333741" and (border\$4 or outlin\$4 or boundar\$5) same (merg\$4 or adjoin\$5) | USPÄT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/03/07 22:39 |
| - | 1 | ("6036317").PN. | USPÄT | 2004/03/08 10:47 |
| - | 0 | ((("6036317").PN.) and cookie | USPAT | 2004/03/08 10:47 |
| - | 0 | ((("6036317").PN.) and cookie | USPAT | 2004/03/08 10:47 |